



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926
Telephone: 813-632-7600

Colleen M. Castille
Secretary

February 21, 2006

Mr. Matt D. Mouncey
Rinker Materials Corporation
100 Lem Carnes Road
Davenport, Florida 33837

Re: Compliance Evaluation Inspection
Rinker Materials Corporation – St. Catherine's Mine
Permit No. FL0135372
Sumter County

Dear Mr. Mouncey:

A Compliance Evaluation Inspection was conducted at the above referenced facility on February 14, 2006, by a representative of the Florida Department of Environmental Protection (FDEP), Southwest District, Industrial Wastewater Program. A copy of your inspection report has been enclosed for your records and review.

The referenced facility was found to be In Compliance with the requirements of the above referenced permit. We appreciate your continued cooperation with the Department.

The Southwest District, Industrial Wastewater Program is initiating an electronic process that will provide a more efficient way of handling all correspondence with permittees and their representatives. If you would like to be part of this process, please provide your email address to the Department.

If you have any questions, please contact me at 813.632.7600, extension 345 or by email: cari.butler@dep.state.fl.us.

Sincerely,

Cari Butler
Environmental Specialist
Industrial Wastewater Program

CB/db

Enclosure

cc: Ms. Shannan Bogdanov/FDEP Tallahassee

"More Protection, Less Process"

Printed on recycled paper.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

@ = Optional

Name and Physical Location of Facility	WAFR ID:	County	Entry Date/Time
Rinker Materials - St Catherine Mine	FL0135372	Sumter	2/14/2006
3919 County Road 673			@ Exit Date/Time
Bushnell, FL			2/14/2006
Name(s) of Field Representatives(s)	Title	Phone	
Mr. James Morris	Manager of Mine Development – Rinker Materials	352-796-3522	
Mr. Mark Stephens	Principal Consultant – The Colinas Group	863-669-9141	
Mr. R. Fred Crabill	Vice President – Southeast Environmental Solutions	813-752-1289	
Name and Address of Permittee or Designated Representative	Title	Phone	@ Operator Certification #
Mr. Matt D Mouncy	Environmental Manager	863-422-1171	
100 Lem Carnes Rd			
Davenport, FL 33837 - 2607			

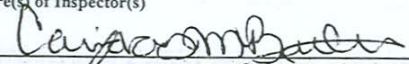
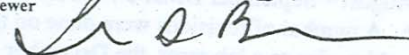
Inspection Type	C	E	I	Samples Taken(Y/N): N	@ Sample ID#:	Samples Split (Y/N): N
Domestic	<input checked="" type="checkbox"/>	Industrial		Were Photos Taken(Y/N): Y	@ Log book Volume :	@ Page

FACILITY COMPLIANCE AREAS EVALUATED

IC = In Compliance; NC = Out of Compliance; SC = Significant out of Compliance; NA = Not Applicable; NE = Not Evaluated
 Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a "♦"

	PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL
IC	1. ♦ Permit	NE	3. Laboratory	IC	6. ♦ Facility Site Review	IC	9. ♦ Effluent Quality
IC	2. ♦ Compliance Schedules	NE	4. Sampling	IC	7. Flow Measurement	NA	10. ♦ Effluent Disposal
		IC	5. ♦ Records & Reports	IC	8. ♦ Operation & Maintenance	NA	11. Residuals/Sludge
NE	13. Other:					NA	12. Groundwater

Facility and/or Order Compliance Status:	<input checked="" type="checkbox"/> In-Compliance	<input type="checkbox"/> Out-Of-Compliance	<input type="checkbox"/> Significant-Out-Of-Compliance
Recommended Actions:			

Name(s) and Signature(s) of Inspector(s)	District Office/Phone Number	Date
Cari Butler 	813-632-7600 ext. 345	2/20/06
@ Signature of Reviewer	District Office/Phone Number	Date
Ilia Balcom 	813-632-7600 ext. 406	2/21/06

Fill Out This Section For All Surface Water Discharger Inspections (CEI, CSI, CBI, PAI, XSI, RI)

Transaction Code	NPDES Number	YR/MO/DA	Insp. Type	Inspector	Fac. Type
N	F L 0 1 3 5 3 7 2 0 6 0 2 1 4		1 C	2 C	3 2
ADDITIONAL NPDES COMMENTS					

Inspection Type (Field 1) A=PAI, B=CBI, C=CEI, S=CSI, X=XSI, R=RI
 Inspection Code (Field 2): S=State, J=Joint EPA/State-EPA Lead, T=Joint State/EPA-State Lead, L=Local Program
 Facility Type (Field 3): 1=Municipal (Publicly Owned), 2=Industrial and Privately Owned Domestic, 3= Agricultural, 4=Federal
 Every other field is self explanatory

INSPECTION FINDINGS

Facility Name: Rinker Materials - St Catherine Mine

Facility ID: FL0135372

Inspection Type: CEI

Date: 2/14/2006

FACILITY BACKGROUND:

Address: 3919 County Road 673, Bushnell, FL, Sumter County

Permit Information: Wastewater Permit issued: 12/1/2003, and expires: 11/30/2008

Treatment Summary: Water is pumped from the active mine quarries to a series of inactive quarries. The water in the inactive quarries make up the settling/treatment system for the mining operation. Currently, water is being pumped from active Quarry B into inactive Quarry 5. The water then circulates through inactive Quarry 5 and inactive Quarry 1 before being discharged through Outfall D-001 along Corbett Run and finally into Corbett Sink.

1. Permit: IN COMPLIANCE

1.1 Observation : No problems or deficiencies were identified.

1.2 Observation : A copy of the permit was onsite and available to plant personnel.

1.3 Observation : An application to revise the existing permit is currently being reviewed by the Department.

Additional Comments: An intent to issue a substantial revision is currently in progress.

2. Compliance Schedules: IN COMPLIANCE

2.1 Observation : The schedules specified in the permit have been completed.

Additional Comments: The facility continues to implement the existing Best Management Practices (BMP) Plan.

3. Laboratory: NOT EVALUATED

4. Sampling: NOT EVALUATED

5. Records and Reports: IN COMPLIANCE

5.1 Observation : No problems or deficiencies were identified.

5.2 Observation : All required documents and reports were available at the plant.

Additional Comments: Records reviewed at the time of inspection included a copy of the permit, a copy of the BMP, Discharge Monitoring Reports (DMR's) from January to December 2005, current flow calibration records, and record drawings.

5.3 Observation : Please see specific comment

Additional Comments: Please note that the January – April and August – September DMR's were received late, however DMR's from the most recent months have been submitted on time. A number of revisions were done on the January, February, and May DMR's to correct errors in data transcription. Also, due to a lab error, the December DMR did not include data for Aluminum, Total Recoverable and Sodium, Total Recoverable.

6. Facility Site Review: IN COMPLIANCE

6.1 Observation : *General* - No problems or deficiencies were observed.

6.2 Observation : *General* - The facility grounds were clean and well maintained.

7. Flow Measurement: IN COMPLIANCE

7.1 Observation : No problems or deficiencies were observed.

Additional Comments: At the time of the inspection, Outfall D-001 was discharging and Outfall D-002 was not discharging.

7.2 Observation : The copy of the flow calibration report is current and satisfactory.

Additional Comments: Both flow meters were last calibrated on June 29, 2005.

8. **Operation and Maintenance:** IN COMPLIANCE

8.1 Observation: The facility was operated and maintained in accordance with the description in the Permit.

8.2 Observation: Please see specific comment

Additional Comments: All access roads were well maintained.

9. **Effluent Quality:** IN COMPLIANCE

9.1 Observation: Please see specific comment

Additional Comments: At the time of inspection, the facility was discharging through Outfall D-001 and the effluent appeared to be clear and free of turbidity. A review of DMR's from January to December 2005 revealed no effluent violations. A review of routine toxicity testing conducted in 2005 revealed the following: the January, February, May, June, October, and December tests passed for both species; the March test passed for *Cyprinella leedsi*, but failed for *Ceriodaphnia dubia*; additional tests were conducted in May for *Ceriodaphnia dubia* and passed; and the *Cyprinella leedsi* portion of the August test at Outfall D-001 was invalidated due to the inability to statistically prove that the 6.25% response was an outlier or an actual significant response.

10. **Effluent Disposal:** NOT APPLICABLE

11. **Residuals/Sludge:** NOT APPLICABLE

12. **Groundwater Quality:** NOT APPLICABLE

DIGITAL PHOTOGRAPHIC LOG

1. Facility Name: Rinker Materials – St. Catherine Mine
2. County / Facility ID#: Sumter County / FL0135372
3. Inspection Type: CEI
4. Inspection Date: 2/14/06
5. Type of Camera Used: Sony Cyber-shot 2.1 mega pixels DSC-P50 - IW digital camera Sony I
6. Digital Recording Media: Sony 8 MB Memory Stick
7. All Digital Photos Were Copied To: All Common drive/ IW Pictures folder
8. Original Copy Is Stored In/On: Cari's C-drive
9. Were the photos altered?: NO X YES _____
10. Photographer: Cari Butler
11. Signature of Photographer: Cari Butler



Photo ID #DSC00619 /Time 11:16am –
Description: Flow meter at Outfall D-001.

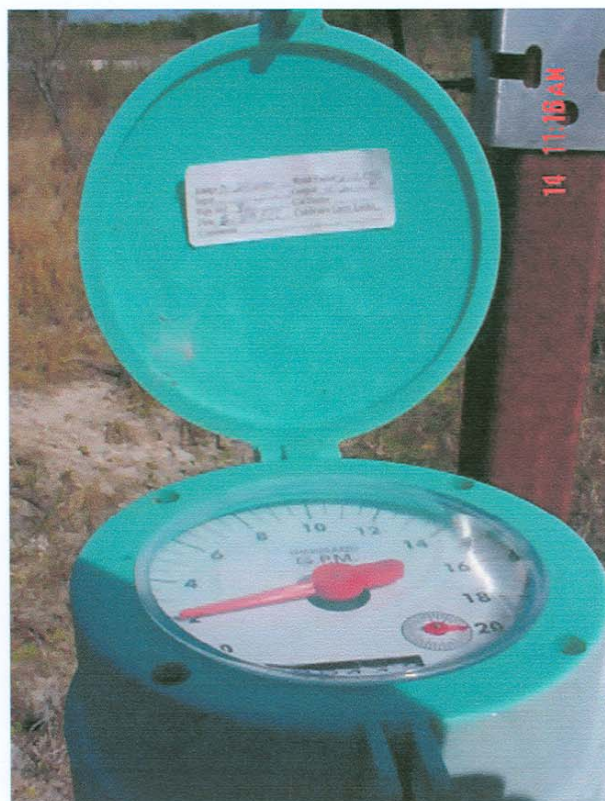


Photo ID #DSC00620 /Time 11:16am –
Description: Flow meter reading and
calibration sticker at Outfall D-001.



Photo ID #DSC00621 /Time 11:17am –
Description: Outfall D-001.



Photo ID #DSC00622 /Time 11:32am –
Description: Inactive Quarry – 5.



Photo ID #DSC00623 /Time 11:43am –
Description: Water coming from active
mining pits to culvert that goes under the
county road and into the inactive mining pits.



Photo ID #DSC00624 /Time 11:46am –
Description: Active Quarry – B.



Photo ID #DSC00625 /Time 12:03pm –
Description: Outfall D-002.



Photo ID #DSC00626 /Time 12:04pm –
Description: Outfall D-002, notice boards
restricting water flow.



Photo ID #DSC00627 /Time 12:04pm –
Description: Outfall D-002.



Photo ID #DSC00628 /Time 12:04pm –
Description: Flow meter assembly at Outfall
D-002.



Photo ID #DSC00629 /Time 12:05pm –
Description: Discharge pipe for Outfall D-
002 - notice no discharge.